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☐ 1. Document ID: FR 1528472 A AU 6723568 A CA 876787 A DE 1669609 A GB 1156954 A

L1: Entry 1 of 1

File: DWPI

DERWENT-ACC-NO: 1968-12643Q
DERWENT-WEEK: 196800
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TITLE: Pot life of polyurethane moulding composition is

PATENT-ASSIGNEE:

ASSIGNEE

CODE

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PRIORITY-DATA: 1966US-0559750 (June 23, 1966)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>FR 1528472 A</u>			000	
AU 6723568 A			000	
CA 876787 A			000	
DE 1669609 A	March 18, 1971		000	
GB 1156954 A			000	

INT-CL (IPC): C08G 22/04; C08G 41/00

ABSTRACTED-PUB-NO: FR 1528472A

BASIC-ABSTRACT:

Thermosetting polyurethane (PU) compn. of improved pot life is a mixture of (a) isocyanate rich PU prepolymer, (I), (b) hardener (II).

(I) is got by reaction of a polyol (III) and methylene-bis-(4-cyclohexyl isocyanate) (IV). (II) contains two groups reactive to NCO e.g. an arylene diamine.

PU compns. having terminal and free NCO groups are hardened by reaction with (II), a polyfunctional agent containing active H. These must be mixed in small quantities immediately before using as pot life is short. This is costly and efficient and can give incomplete filling of complicated moulds resulting in voids in the product.

TITLE-TERMS: POT LIFE POLYURETHANE MOULD COMPOSITION

DERWENT-CLASS: A25

CPI-CODES: A05-G01A; A05-J04; A08-D03; A10-D; A11-C02;

Multipunch Codes: 01- 038 150 155 157 160 163 169 170 171 175 200 206 209 212 239
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